

METHOD AND APPARATUS FOR PROCESSING TRANSACTIONS  
IN A DATA PROCESSING SYSTEM

ABSTRACT

5 A data processing system which includes memory, a processor connected to the  
memory, and logic for causing the processor to perform a method for executing  
computer code having a plurality of transactions within the computer code. The  
method includes steps for examining the computer code being executed for a change  
10 in observable state; for storing data for the executed computer code that are part of the  
plurality of transactions within the computer code; for maintaining a pointer to the  
logical beginning of the stored data and maintaining a pointer to the end of the stored  
data for the last transaction within the computer code to be fully executed; and  
responsive to detecting a change in observable state, for committing a portion of the  
15 stored data.

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